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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

MAR 30 2005

Applicant(s): Engelhardt et al. )  
Serial No.: 08/479,997 )  
Filed: June 7, 1995 )  
For: OLIGO- OR POLYNUCLEOTIDES COMPRISING )  
PHOSPHATE MOIETY LABELED NUCLEOTIDES )

Group Art Unit: 1631

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March 30, 2005

**FILED BY FACSIMILE TRANSMISSION****TO: 703-872-9306**

Mail Stop -- Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SECOND SUPPLEMENTAL AMENDMENT UNDER 37 C.F.R. §1.116**  
**(FOLLOWING APPLICANTS' SEPTEMBER 3, 2004 AMENDMENT UNDER 37 C.F.R. §1.116)**

Dear Sirs:

This Second Supplemental Amendment To Applicants' September 3, 2004 Amendment Under 37 C.F.R. §1.116 is directed to the July 14, 2004 Office Action issued in connection with the above-identified application. This Second Supplemental Amendment follows the March 29, 2005 interview held via telephone with the U.S. Patent Office further described in the Remarks section below. Applicants filed their Notice of Appeal on September 3, 2004. This Second Supplemental Amendment is accompanied by a Request For Extension Of Time (Three Additional Months) and authorization for the fee therefor. Upon granting of the extension request, the extended deadline for filing Applicants' Appeal Brief is April 3, 2005. Because April 3rd falls on a Sunday, under 37 C.F.R. §1.7, action may be taken on the next succeeding day which is not a Saturday, Sunday or a Federal holiday. Accordingly, the new extended deadline for filing Applicants' Appeal Brief is Monday, April 4, 2005, and this Second Supplemental Amendment is being timely filed.

Enz-5(D6)(C2)

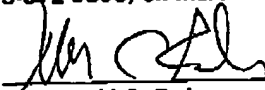
Dean L. Engelhardt, et al., Serial No.: 08/479,997 (Filed June 7, 1995)  
Page 2 [Second Supplemental Amendment (Following Applicants' September 3,  
2004 Amendment Under 37 C.F.R. §1.116) – March 30, 2005]

**CERTIFICATE OF TRANSMISSION**

I hereby certify that this paper (Second Supplemental  
Amendment To Applicants' September 3, 2004  
Amendment Under 37 C.F.R. §1.116) (along with any  
documents referred to as attached or enclosed) is being  
facsimile transmitted to the United States Patent and  
Trademarks (Fax No. 703-872-9306) on March 30,  
2005.

MAR 30 2005

Date



Ronald C. Fedus  
Reg. No. 32,567

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